Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|
| 09/828,865              | CORL, MARK T.                           |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |  |
| Dominic D. Saltarelli   | 2611                                    |  |  |  |  |  |  |  |  |

| / | Rejected | - | - | (Through numeral)<br>Cancelled |
|---|----------|---|---|--------------------------------|
| = | Allowed  | - | - | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| - | Interference | 0 | Objected |

| Claim Date |          |          |          |               |          | laim   | Π   | Date     |          |   |   |                         |          |  | Cla             | aim      | Date     |             |            |               |          |          |          |                    |                |          |          |          |
|------------|----------|----------|----------|---------------|----------|--|---|----------|----------|---|---|-------------------------|----------|--|-----------------|----------|----------|-------------|------------|---------------|----------|----------|----------|--------------------|----------------|----------|----------|----------|
|            |          |          |          | TT            | $\sqcap$ |  |   |          |          | П                                       |   |                         |          |  |                 |          | 1        |             |            |               | П        | П        |          |                    |                |          | $\neg$   |          |
| ন্ত        | Original | 10/28/05 |          |               |          |  |   | ক্র      | Original | 1 1                                     |   |                         |          |  |                 |          |          | Final       | Original   |               |          |          |          |                    |                | - 1      | ŀ        |          |
| Final      | Ē        | 7/28     |          |               |          |  |   | Final    | l Ë      |   | - 1   |                         |          |  |                 | 1        |          | ᇤ           | nig        |               | -        |          | - 1      | ı                  |                |          |          |          |
| _          | 0        | 7        |          |               |          |  |   |          | 0        |   |   | - 1                     |          |  |                 | 1        |          |             | O          |               | -        |          | - 1      |                    |                |          |          |          |
|            | 1        | /        |          |               |          |  |   |          | 51       |   |   |                         |          |  |                 | $\neg$   | 1        |             | 101        |               | T        |          | T        | $\neg$             |                |          | $\neg$   | $\sqcap$ |
|            | 2        |          |          | 1 1           |          |  |   |          | 52       | I = I                                   |   |                         | 1        |  |                 |          | 1        |             | 102        |               | T        | Т        | T        | $\neg$             |                |          | $\Box$   |          |
| -          | 2        |          |          | T             |          |  |   |          | 53       | $\Box$                                  | $\neg$  |                         | $\top$   |  |                 |          | 1        |             | 103        |               | П        | $\Box$   |          |                    |                |          |          |          |
|            | 4        | V        |          |               |          |  |   |          | 54       | П                                       |   | T                       | 1        |  |                 |          | 1        |             | 104        |               |          |          |          |                    |                |          |          |          |
|            | 5-       |          |          |               |          |  |   |          | 55       | П                                       |   |                         |          |  | $\Box$          |          |          |             | 105        |               |          |          |          |                    |                |          |          |          |
|            | 6        | V        |          | П             |          |  |   |          | 56       |   |   |                         |          |  |                 |          |          |             | 106        |               |          |          | $\perp$  |                    |                |          | $\Box$   |          |
|            | -7-      |          |          |               |          |  |   |          | 57       | $\square$                               |   |                         |          |  |                 |          | ]        |             | 107        |               | $\perp$  |          | $\perp$  | $\perp$            |                |          | _        | _        |
|            | 8        |          |          | $\sqcap$      |          |  |   |          | 58       |   |   |                         |          |  |                 |          |          |             | 108        |               |          |          | Ц        | $\Box$             |                | $\perp$  | _        | ╝        |
|            | 9        | 1        |          | П             |          |  |   |          | 59       |   |   |                         |          |  |                 |          |          |             | 109        |               |          | $\perp$  |          |                    | _              | _        | $\dashv$ | _        |
|            | 40       |          |          |               |          |  |   |          | 60       |   | $\Box$  | $oldsymbol{\mathbb{I}}$ |          |  |                 |          | ]        |             | 110        |               |          | $\perp$  |          | $oldsymbol{\perp}$ |                | _        | _        | Ш        |
|            | 11       | /        |          |               |          |  |   |          | 61       |   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$                 |          | $\tilde{\Box}$                                   |                 |          |          |             | 111        |               | _[       |          | _        | $\perp$            |                | ᆚ        |          | Ц        |
|            | 12       | I        |          |               |          |  |   |          | 62       | $\Box$                                  |   |                         |          |  |                 |          |          |             | 112        |               | $\perp$  | $\perp$  |          | $\perp$            |                | _        | $\dashv$ | _        |
|            | 13       |          |          |               |          |  |   |          | 63       |   |   |                         |          |  |                 |          |          |             | 113        |               |          | $\perp$  | $\perp$  | $\bot$             |                |          | _        | 凵        |
|            | 14       |          |          |               |          |  |   |          | 64       | Ш                                       |   |                         |          |  |                 |          |          |             | 114<br>115 |               | $\dashv$ | _        | $\perp$  | ightharpoonup      |                |          | ļ        | _        |
|            | 15       |          |          |               |          |  |   |          | 65       | Ц                                       |   |                         |          |  |                 |          |          |             | 115        |               | $\dashv$ | $\perp$  | _        | 4                  | _              |          |          | _        |
|            | 16_      |          |          |               |          |  |   |          | 66       | $\sqcup$                                |   |                         |          | Ш  |                 |          |          |             | 116        |               | $\dashv$ | $\perp$  | _        | $\downarrow$       | _              | _        |          | _        |
|            | 17       | Ш        |          |               |          |  | Щ   | L_       | 67       | Ш                                       |   | $\perp$                 | $\bot$   | Щ  | $\sqcup$        |          |          |             | 117        |               | 4        | _        | $\dashv$ | _                  | _              | _        |          | _        |
|            | 18       | Ш        |          |               |          |  |   |          | 68       |   |   | $\perp$                 |          | _  |                 |          |          |             | 118        | _             | 4        |          | _        | _                  | _              | _        | _        | _        |
|            | 19       | Ш        |          |               |          |  |   | L_       | 69       | $\sqcup$                                |   | $\perp$                 |          |  | $\perp$         |          |          |             | 119        |               | 4        | _        | _        | _                  | _              | _        | _        |          |
|            | 20       | Ш        |          | Ш             | Ш        |  | Щ   | L        | 70       | $\sqcup$                                |   | 1                       | ┷        | $oxed{oxed}$                                     |                 | _        |          |             | 120        | $\rightarrow$ | 4        | $\dashv$ | -1       | _                  |                | _        | $\dashv$ | _        |
|            | 21       | Ш        |          | Ш.            |          |  | Ш   | <u> </u> | 71       |   |   | _                       | <b>.</b> |  | $\perp$         | <u> </u> |          |             | 121        |               | 4        | 4        | 4        | _                  |                | _        | $\dashv$ | _        |
|            | 22       | Ш        |          |               |          |  |   | L        | 72       |   |   |                         |          | lacksquare                                       |                 |          |          |             | 122        | _             | 4        | 4        | _        | _                  |                | _        | _        | _        |
|            | 23       | Ш        |          |               | Ш        |  |   | <u></u>  | 73       |   |   |                         |          | _  | $\perp$         |          |          |             | 123        | _             | _        | 4        | 4        | _                  |                | 4        |          | _        |
|            | 24       | Ш        |          |               |          |  | Ш   | L        | 74       | Ш                                       |   | $\perp$                 |          |  | $\vdash$        |          |          |             | 124        | $\perp$       | _        | _        | _        | 4                  |                | _        | -        | _        |
|            | 25       | Ш        | $\bot$   |               |          |  |   | <u></u>  | 75       |   |   | $\bot$                  |          | L  |                 |          | ļ        |             | 125<br>126 |               | 4        | $\dashv$ | _        | 4                  | _              | _        | $\dashv$ |          |
|            | 26       | Ш        |          |               | $\perp$  |  |   | <u> </u> | 76       | $\sqcup$                                |   | 4                       |          | ╙  | $\perp$         | _        |          |             | 126        | -             | 4        | +        | _        | -                  |                | _        | -        |          |
|            | 27       | ¥        |          | igspace       | $\perp$  | <u> </u>   |   | <u> </u> | 77       | Ш                                       |   | 4-                      | —        | _  | $\vdash$        |          |          |             | 127        | -             | +        |          | -        | -                  | -              |          | $\dashv$ | -        |
|            | 28       |          |          | Ш.            | $\perp$  |  |   | <u> </u> | 78       | $\sqcup$                                | _   | 4                       | ┷        |  | -               | _        | 1        |             | 128        |               | $\dashv$ | -        | -        | -                  | -              | _        | $\dashv$ |          |
|            | 29       |          |          | $\perp \perp$ | Ш        |  |   | <u> </u> | 79       | $\sqcup$                                | _   | +                       | ┿        |  | -               |          |          |             | 129        | -             | $\dashv$ | 4        | $\dashv$ | -+                 | -              | -        | $\dashv$ | ᅫ        |
|            | 30       | L        | _        |               |          | <u> </u>   | <b>—</b>  | <u> </u> | 80       | 11                                      |   | _                       | ┿        | <u> </u>   | $\vdash$        |          | 4        |             | 130        | +             | -        | -        | $\dashv$ | -                  | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 31       | <u> </u> |          | $\perp \perp$ | 44       |  | <u> </u>  | $\vdash$ | 81       | $\vdash \vdash$                         | -+  | -                       | +-       | <b> </b> _                                       | $\vdash \vdash$ |          | 1        |             | 131        | $\dashv$      | +        | +        | $\dashv$ | -                  |                | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 32       | _        | $\perp$  | +             | +        |  | $\square$   | <u> </u> | 82       | ╁┤                                      | +   | -                       | +        | <u> </u>   | $\vdash$        |          | ł        |             | 132        |               | $\dashv$ | +        | $\dashv$ |                    | $\dashv$       |          | -        | $\dashv$ |
|            | 33       | $\vdash$ | $\dashv$ | ++            | +        |  | Н   | $\vdash$ | 83       | $\vdash$                                |   | +                       | +-       |  | $\vdash \vdash$ | +        | 1        |             | 133<br>134 | $\dashv$      | +        | +        | $\dashv$ |                    | $\dashv$       | ┥        | $\dashv$ | $\dashv$ |
|            | 34       | -        | $\perp$  | ++            | +        | <del>   -</del>                                  | H   | $\vdash$ | 84       | ╁╌┤                                     | $\dashv$  | +-                      | +-       | $\vdash$   |                 | +        |          |             | 135        | $\dashv$      | $\dashv$ | +        | $\dashv$ | +                  | -+             | -        | $\dashv$ | $\dashv$ |
|            | 35       | ļ        | _        | ++            | +        | $\vdash$   | H   |          | 85       | ╁╌┤                                     |   | +                       | +        | $\vdash$   | $\vdash \vdash$ | +        |          | -           |            | $\dashv$      | $\dashv$ | +        | $\dashv$ |                    | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 36       | $\vdash$ |          | ++            | +        |  | H   | $\vdash$ | 86       | $\vdash$                                | -   | +                       |          | $\vdash$   |                 | +        |          |             | 136<br>137 | -+            | ┰        | $\dashv$ | $\dashv$ | $\dashv$           |                |          | -        | $\dashv$ |
|            | 37       | -        | +        | ++            |          | $\vdash$   | H   | $\vdash$ | 87       | ╁╾┤                                     | +   | +                       | +        | $\vdash$   | $\vdash$        |          | ł        |             | 138        | $\dashv$      | +        | +        | $\dashv$ | $\dashv$           | -              | $\dashv$ | $\dashv$ | -        |
|            | 38       | -        | -+       | +-            | +        |  | H   | $\vdash$ | 88       | $\vdash$                                | -+  | +                       | +        | $\vdash$   |                 | $\dashv$ | <b> </b> |             | 139        | +             | +        | +        | $\dashv$ | $\dashv$           | $\dashv$       |          | $\dashv$ | $\dashv$ |
|            | 39       | $\vdash$ | +        | +             | 4-4      |  | H   | $\vdash$ | 89<br>90 | $\vdash$                                | +   | +                       | +        | $\vdash$   | +               | +        | ł        |             | 140        | +             | +        | $\dashv$ | $\dashv$ | $\dashv$           |                | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 40       | -        | -        | +             | +-+      | $\vdash\vdash$                                   | $\vdash$  | $\vdash$ | 91       | $\vdash$                                | +   | +                       | +        | ├  |                 | +        | 1        | <del></del> | 141        | +             | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 41<br>42 | $\vdash$ |          | +-+           | +        |  | H   | -        | 91       | +                                       | $\dashv$  | +                       | +-       | $\vdash$   | $\vdash$        | +        | 1        |             | 142        | +             | $\dashv$ | +        | $\dashv$ | -                  | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 42       | $\vdash$ | $\dashv$ | ++            | +        | <del>                                     </del> | H   | $\vdash$ | 93       | $\vdash$                                | $\dashv$  | +                       | +        | <del>                                     </del> | $\vdash$        | -        | 1        |             | 143        | +             | $\dashv$ | $\dashv$ | - +      | -                  |                | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 44       | $\vdash$ | +        | ++            | +-       | $\vdash\vdash$                                   | H   | -        | 94       | $\vdash$                                | +   | +                       | +        | -  | $\vdash \vdash$ | +        | 1        |             | 144        | $\vdash$      | -+       | $\dashv$ | $\dashv$ | ᅱ                  | $\dashv$       | 一        | - 1      | $\neg$   |
|            | 45       | $\vdash$ | +        | ++-           | +        | $\vdash$   | H   | -        | 95       | ┼╌┤                                     | $\dashv$  | +                       | +-       | $\vdash$   | $\vdash$        | +        | ۱        |             | 145        | $\vdash$      | $\dashv$ | $\dashv$ | _        | ᅥ                  | $\dashv$       | $\dashv$ | $\dashv$ |          |
|            | 46       | $\vdash$ | $\vdash$ | +             | +        |  | $\vdash$  | -        | 96       | $\vdash \dashv$                         | $\dashv$  | +                       | ╁        | $\vdash$   | $\vdash \vdash$ | +        | 1        |             | 146        | $\dashv$      | +        | $\dashv$ | $\dashv$ | $\dashv$           |                | $\dashv$ | $\dashv$ | $\vdash$ |
| <u> </u>   | 47       | -        | +        | ++            | +        | $\vdash$   | H   | $\vdash$ | 97       | $\forall$                               | +   | $\dashv$                | +-       | <del>  -</del>                                   | $\vdash \vdash$ | +        | 1        |             | 147        | $\vdash$      | _        | $\dashv$ | $\dashv$ | ┪                  | $\neg \dagger$ | $\dashv$ | 一        |          |
|            | 48       | $\vdash$ | $\vdash$ | +             | +        | -  | +-  | $\vdash$ | 98       | ╁╌┤                                     | +   | +                       | +        | ⊢  | $\vdash \vdash$ | +        | 1        |             | 148        | $\vdash$      | +        | $\dashv$ | $\dashv$ | ┪                  | $\dashv$       |          | $\dashv$ | $\vdash$ |
|            | 49       | -        | +        | ++            | +        | $\vdash\vdash$                                   | H   | $\vdash$ | 99       | H                                       | +   | +                       | +        | $\vdash$   | $\vdash \vdash$ | - -      | 1        |             | 149        | $\vdash$      | $\dashv$ | 十        | $\dashv$ | ᅥ                  | $\dashv$       | $\dashv$ | 一        |          |
| <b>—</b>   | 50       | $\vdash$ | $\vdash$ | ++            | +        | $\vdash\vdash$                                   | <del>                                      </del> | $\vdash$ | 100      | +                                       | +   | +-                      | +        | $\vdash$   | $\vdash \vdash$ | +        | 1        | <del></del> | 150        | $\vdash$      | $\dashv$ | $\dashv$ | -+       | $\dashv$           | -              | $\dashv$ | -+       | $\dashv$ |
|            | _JU      | L        | L_L_     | $\perp \perp$ |          | LL   | ш::::   | ·L       | 100      | لــــــــــــــــــــــــــــــــــــــ |   |                         |          | L.,  | டட              | ,        | ]:::::   |             | 130        |               | _        |          |          | _                  |                |          | _        | لـــا    |